

From: "Vickstrom, Kyle E." <vickstromke@cdmsmith.com>
To: "Gustavson, Karl" <Gustavson.Karl@epa.gov>
"Scott Coffey" <coffeyse@cdmsmith.com>
"John Kern" (b) (6)
"Foster, Malena L." <fosterm1@cdmsmith.com>
CC: "Sheldrake, Sean" <sheldrake.sean@epa.gov>
"Zhen, Davis" <Zhen.Davis@epa.gov>
"Young, Hunter" <Young.Hunter@epa.gov>
Date: 12/28/2018 8:04:02 AM
Subject: RE: deliberative: last changes?

Hi Karl,

The grid cells range from 0.3 to 25 acres. I added a bullet to the sampling program overview section of the memo to include this info.

Cheers,

Kyle Vickstrom
425.519.8372; cell 816.260.0669

From: Gustavson, Karl <Gustavson.Karl@epa.gov>
Sent: Friday, December 28, 2018 9:52 AM
To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Coffey, Scott <CoffeySE@cdmsmith.com>; John Kern (b) (6)
Foster, Malena L. <fosterm1@cdmsmith.com>
Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>
Subject: RE: deliberative: last changes?

Kyle,

Do we know the range in sizes of the grid cells (e.g., 0.25 to 10 acres?). I wanted to add a mention.

Thanks,

Karl

From: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>
Sent: Friday, December 28, 2018 9:16 AM
To: Gustavson, Karl <Gustavson.Karl@epa.gov>; Scott Coffey <coffeyse@cdmsmith.com>; John Kern (b) (6)
Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis <Zhen.Davis@epa.gov>
Subject: RE: deliberative: last changes?

Hi Karl,

No worries I'm in Chicago right now so closer to your time zone, and we'll get as much done as we can today before you need to shut down. Attached is the supplemental figures PDF; let me know if there are any additional maps you would like me to include.

Thanks,

Kyle Vickstrom

From: Gustavson, Karl <Gustavson.Karl@epa.gov>

Sent: Friday, December 28, 2018 7:52 AM

To: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; Coffey, Scott <CoffeySE@cdmsmith.com>; John Kern
(b) (6)

Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis
<Zhen.Davis@epa.gov>

Subject: RE: deliberative: last changes?

Kyle,

You shouldn't be up so early! The good news for CDM is that it appears this will be the last day I can (legally) work for a while.

A PDF please.

Thank you,

Karl

From: Vickstrom, Kyle E. <vickstromke@cdmsmith.com>

Sent: Friday, December 28, 2018 8:47 AM

To: Gustavson, Karl <Gustavson.Karl@epa.gov>; Scott Coffey <coffeyse@cdmsmith.com>; John Kern
(b) (6)

Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis
<Zhen.Davis@epa.gov>

Subject: RE: deliberative: last changes?

Hi Karl,

I agree with only including the focused COCs right now. Also, I can incorporate the figure updates from John into the memo document once he completes the revisions. I will also pull together the supplemental figures file as well. Do you have a preference for that to be a compiled PDF file or PPT?

Thanks,

Kyle Vickstrom

425.519.8372; cell 816.260.0669

From: Gustavson, Karl <Gustavson.Karl@epa.gov>

Sent: Friday, December 28, 2018 7:33 AM

To: Coffey, Scott <CoffeySE@cdmsmith.com>; Vickstrom, Kyle E. <vickstromke@cdmsmith.com>; John Kern
(b) (6)

Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>; Young, Hunter <Young.Hunter@epa.gov>; Zhen, Davis
<Zhen.Davis@epa.gov>

Subject: deliberative: last changes?

1. Please have graphs on only the Focused COCs (unless there is a compelling reason to have others [e.g., naphthalene] in there?).
2. On the box/whiskers, please highlight/bold the SDUs where the COC is a driver/primary (from Table 24/Fig 29). Example attached. This will help readers focus on COCs/area pairs that matter most.
3. If Kern concurs, please add a % greater/%lower to the upper right quadrant of the regressions. This helps differentiate sitewide NR processes from those in SMAs.
4. Please create a "supplemental figures" file with 1) The focused COC sampling data maps (we have these already:

figs 1a, 2a, etc) and 2) The significance analysis with and without D/F.

Karl Gustavson
703-603-8753